

RECEIVED  
CENTRAL FAX CENTER

MAR 15 2007

LAW OFFICES

## KILYK &amp; BOWERSOX, P.L.L.C.

*Intellectual Property Law**From the Desk of*  
**LEONARD D. BOWERSOX**3603-E Chain Bridge Road  
FAIRFAX, VA 22030WARRENTON OFFICE  
400 Holiday Court, Suite 102  
Warrenton, Virginia 20186Email: [lbowersox@kbpattentlaw.com](mailto:lbowersox@kbpattentlaw.com)  
Website: <http://www.kbpattentlaw.com>TEL.: (703) 385-9688  
FAC.: (703) 385-9719  
(703) 385-9747

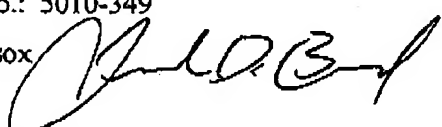
PLEASE DIRECT CORRESPONDENCE TO OUR FAIRFAX OFFICE

**FACSIMILE TRANSMISSION COVERSHEET**

DATE: March 15, 2007

TO: Examiner Michael L. BORIN  
Group Art Unit 1631  
Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

RE: U.S. Patent Application No. 10/087,541  
Filed: March 1, 2002  
Confirmation No.: 2245  
Attorney Docket No.: 5010-349

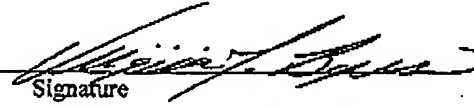
FROM: Leonard D. Bowersox 

FAC. NO.: (571) 273-8300

**NUMBER OF PAGES (INCLUDING THIS COVER SHEET): 18**

Items Attached: Transmittal Form 1 Page  
Fee Transmittal 1 Page  
Amendment 15 Pages

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-8300 on March 15, 2007.

Virginia J. Byers  
Name (Print)  
Signature

THE INFORMATION CONTAINED IN THIS MESSAGE IS CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED. This message may also be an attorney/client communication which is privileged and confidential. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by calling us collect and return the original message to us at the above address by mail. Thank you.

RECEIVED

03/15/2007 16:01

703-385-9719 CENTRAL FAX CENTER &amp; BOWERSOX

PAGE 02

MAR 15 2007

PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0851-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/8/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2007

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$250.00)

### Complete if Known

Application Number 10/087,541  
Filing Date March 1, 2002  
First Named Inventor Benjamin R. HALPERN  
Examiner Name Michael L. BORIN  
Art Unit 1831  
Attorney Docket No. 5010-349

### METHOD OF PAYMENT (check all that apply)

- ☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_
- ☒ Deposit Account: Deposit Account Number 01-2213 Deposit Account Name: Applied Biosystems
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☒ Charge fee(s) indicated below ☐ Charges fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims 25 - 20 or HP = 5 x Fee (\$50.00) = Fee Paid (\$250.00)

HP = highest number of total claims paid for, if greater than 20

Indep. Claims 4 - 3 or HP = 0 x Fee (\$0.00) = Fee Paid (\$0.00)

HP = highest number of independent claims paid for, if greater than 3

#### 3. APPLICATION SIZE FEE

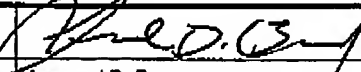
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41 (a)(1)(G) and 37 CFR 1.16(s).

Total Sheets 150 - 100 = 50 / 50 = 1 (round up to a whole number) x Fee (\$250.00) = Fee Paid (\$250.00)

#### 4. OTHER FEE(S)

Fees Paid (\$)

#### SUBMITTED BY

Signature  Registration No. 33,226 Telephone 703-385-9688  
Name (Print/Type) Leonard D. Bowersox Date March 15, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-8300 on March 15, 2007.

Name: Virginia J. Byers

Signature: 

BEST AVAILABLE COPY

MAR 15 2007

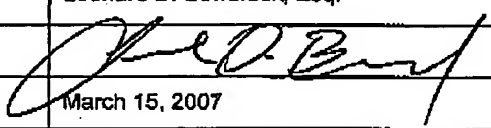

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (09-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	10/D87,541	
		Filing Date	March 1, 2002	
		First Named Inventor	Benjamin R. HALPERN	
		Group Art Unit	1631	
		Examiner Name	Michael L. BORIN	
Total Number of Pages in This Submission		17	Attorney Docket Number	5010-349 (formerly ABIOS.022A)
<b>ENCLOSURES (check all that apply)</b>				
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> After Allowance Communication to Group		
		<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Acknowledgement Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below):  Customer No. 35411		
Remarks				
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>				
Firm or Individual name	Leonard D. Bowersox, Esq.			
Signature				
Date	March 15, 2007			
<b>CERTIFICATE OF MAILING</b>				
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-8300 on March 15, 2007.				
Type or printed name	Virginia J. Byers			
Signature		Date	March 15, 2007	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED  
CENTRAL FAX CENTER

MAR 15 2007

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-8300 on March 15, 2007.

Virginia J. Byers

Name (Print)

Signature

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	10/087,541	Confirmation No.:	2245
Applicant	:	Benjamin R. HALPERN		
Filed	:	March 1, 2002		
TC/A.U.	:	1631		
Examiner	:	Michael L. BORIN		
Attorney Docket No.	:	5010-349		
Customer No.:		35411		

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Amendment is in response to the Office Action mailed December 15, 2006, for which the Examiner has set a three-month period for response, thus making the response due on or before March 15, 2007.

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin at page 11 below.

03/16/2007 TL0111 00000063 012213 10087541  
01 FC:1202 250.00 DA